

CLAIMS

1. A valve-regulated lead-acid battery comprising:
an electrode plate group; and
an electrolyte impregnated into and retained by said
electrode plate group,
said electrode plate group comprising:
positive electrode plates that each include a
positive electrode current collector comprising a Sn-
containing lead alloy, and a positive electrode active
material retained by said positive electrode current
collector;
negative electrode plates that each include a
negative electrode current collector comprising a lead alloy,
and a negative electrode active material retained by said
negative electrode current collector; and
separators,
wherein Sn content in said positive electrode
current collector is 1.1 to 3.0 % by mass, and pore volume per
unit mass of said negative electrode active material is 0.115
to 0.150 cm³/g.
2. The valve-regulated lead-acid battery in
accordance with claim 1, wherein the Sn content in said
positive electrode current collector is 1.6 to 2.5 % by mass.
3. The valve-regulated lead-acid battery in
accordance with claim 1 or 2, wherein part of said electrolyte
is a free electrolyte that is free from said electrode plate

group, and said free electrolyte is in contact with said separators.

